N 971. N (OMICHOL N 6/3 Nh. N.5 All NCM: Mite Wille 13,45 enter 21/4/12 Ferran on 5/4e. - Michaed Delaney 875-657 -5445 · NEM Benolition + Remobilition - Doe Douney 802-863-5800 o TML Services (#NVINDUMUNTIU) - 8019 901316 - 6703 - 12PLMSB-48 TV 2 258-608 STIM-18:61 th ce Material Stute complex Building Note 1/1/21

workactus (S) all IMC Forman TBD " 123 North CAT D TWC · 5/9 S. · S connector CAT 1 · Daie Building 8/15/67 no rev. · Center Building start 12/6/13 Notif 6/75 Court Herby supervisor met on site 12/4/13 sub Court Herey

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- Mo office jobs the Had fine

- Mo office jobs the Ha Morth - muste Shipment record requested ring RM HS MCM #S O'SCrepany Y Start - 1/6/14 rev to come - visualy met throsport. Assurey (Asb sung Ash Survey LAMANG

T 00 0

out brief. Mite Stevens Chris Crafters Bian Terhune Folton Hervath Ander Metayer Michael White. no lock (from Daylor Boxes not adageratty wet if Acming regula State Ment From Crothers Bedocumenty corredion CV a3te INSPINTIONS from Crother Te moterated final wayte munifests - from crothers/sit · hot Plations -NCM Mite Will Gend Chris notifications. o Mike te - original + reffresher for all workers on 1/2/3 N

SERVICE TRANSPORT GROUP, INC.

PYLES LANE, NEW CASTLE, DE 19720		PHONE: (877) 999-9559					
1011120	STE SHIPMENT RECORD	S.T.G. #					
1. Material Origin Situated St. Mark St. Walybury VT (56)	Generator: Name/Address The Author Montpellier VI	Generator: Phone : 802-878 ex Aue, 5377					
NCM Demolition and Remediation, LP 14 Jewel Drive Wilmington, MA 01877	Contact:: Jim Harer	Contractor: Phone 978-657-5445					
3. Hesponsible Agency: Name/Address U.S. EPA Region I 5 Post Office Square, Ste. 100 Boston, MA 02109-3912		ABLE ASBESTOS ONLY RQ ASBESTOS, 9, PG III					
5. Description of Materials Specify Friable or Non-Friable IF Friable (enter required information)	Containers No.	Total Quantity Type					
IF Friable (enter required information)	24 boxes	of Plastis					
IF Non-Friable (check one): ☐ Category I ☐ Category I		2, 100, 10					
6. Special Handling Instructions	(D) 1) 07 th (E)						
Printed/Typed Name & Title WEINGLON SOSS	Supervisor LUE I Monk and Trans						
8. Transporter 1 (Acknowledgement of Recei Company Name & Address 14 Transporter 1 (Acknowledgement of Recei	Signature: Printed Name:	Telephone No. Date:					
9. Transporter 2 (Acknowledgement of Receipt							
9. Transporter 2 (Acknowledgement of Receipt of Company Name & Address	Signature: Printed Name: Title:	Date:					
10. Transporter 3 (Acknowledgement of Receipt							
Company Name & Address Service Transport Group, Inc. 58 Pyles Lane New Castle, DE 19720	Signature: Printed Name: Title:	877-999-9559 Date:					
11. Discrepancy Indication Space:							
12. Waste Disposal Site Owner or Operator's							
Waste Disposal Site (Check One) Sanitary Landfill 901 Tyrol Blvd. Belle Vernon, PA 15012 724-929-7694 Ext. 14 Permit No. 100377 Begin to the content of the content o	Signature: Printed Name:	Date:					

Appendix A Inspection Equipment Checklist

Inspection Materials and Equipment

Copy of Notification	Office supplies
Site map	large envelopes
Building diagrams	folders
Inspector credentials:	pens/pencils
Identification	highlighting marker
letter of authorization	plain paper
med, monitoring certification	spiral-bound notebook
fit test certification	yellow stickies
training certificate	large paper clips
business cards	binder clips (lg., sm.)
Copy of regulation (CFR version)	indelible markers
Inspection checklist	fine
Field notebook	medium
Plastic clipboard	large
Overhead proj. trans. sheets	Waterproof watch
Waterproof camera	Compass
extra battery(ies)	Asbestos warning signs/tape
Flashlight, lg. waterproof extra batteries extra bulb	Miscellaneous materials/tools
Flashlight, lg. waterproof	crowbar
extra batteries	web strap and snatch
extra bulb	locking ammo box
Flashlight, penlight	locking ammo box knife sharpener
extra batteries	equipment containers
Flashlight, penlight extra batteries extra bulb Binoculars	dufflebag
Binoculars	rolling carry-on
Measuring device (tape,	tackle box
electronic)	5-gal. bucket extendible mirror
Chain of custody forms	extendible mirror
Custody tape/labels	utility knife
Shipping supplies	diver's bag
Resealable plas. bags, qt/gal.	"Please return film to:" sheet

Personal Protective Equipment

Respiratory Protection

Respirators:	
respirators.	Survival/medical gear
Full-face NPR	med. ID bracelet/necklace
Cartridges:	first aid kit
P100	snakebite kit
	potable water
Om upper 19400	water bottle food sunscreen/long-sleeved shirt foul weather clothing Procket Guide to Chem. Haz
Org. vapor/P100	food
Org. vapor/acid/P100	sunscreen/long-sleeved shirt
PAPR (tight-fitting)	foul weather clothing
Cartridges	Pocket Guide to Chem. Haz.
Backup battery	The property of a street of the
SCBA	Shower supplies
	shower thongs
Miscellaneous:	aamb
Spectacle kit	shampoo
Disinfectant (pads, powder)	shampoo liquid soap towels, disposable bathing suit/equivalent
Dust masks	towels, disposable
	bathing suit/equivalent
Body Protection	patring surredurateur
500	Miscellaneous
Coveralis	duct tape
Tvvek	
breathable	safety hamess/lanyard
-	inspection itinerary
Gloves	plastic belt
disposable	cooler
work	
WOIN	
Footwear	Sampling Equipment
steel-toed/shank boots or	
safety shoes	Sample containers M/+
latex overboots	Spray bottle
Idlex 0461B0012	Tools:
Ligard protection	needle-nose pliers
Head protection	locking blade knife (2)
hardhat	screwdrivers (slotted, Phil.)
hearing protection	laboratory spatula
safety glasses (clear/timted)	coring tool
hat/cap	metal forceps
	Spoon
	Plastic dropcloth
	Wet wipes
	Glove bags
	Bathroom caulking
	Labeled waste disposal bag

Brown paper towels

Appendix B

Asbestos Demolition and Renovation Field Data Collection Checklist

A. GENERAL INFORMATION
Site name Naverbary State Complex
Address: 103 Muln St Waterburg VT
Site code: Date of inspection: 12/4/13
Inspection time in: 12:45 pm Inspection time out: 3:45 pm
Weather conditions: 36° F purty cloudy Inspector(s): Alexander Aman EPA
Reason for inspection:
Routine compliance Citizen complaint Suspected non-notifier
Other (explain) & Concerns from VT DPH
Notification received? Yes (date): Multiple No:
Start/completion dates: Multiple - See Linder of Notification
Notification:
Actual:
Facility description: Multiple buildings - See Site Plus.
Number of floors: Dimensions: Age (if known):
Type of construction: brick
Present use: Vacan+
Prior use: Multiple - hospital, Office complex
B-1

adellere

alaskat-tur:						
roject status:		Yes	No			
Contractor of	nsite?	X				
Work in pro	gress?	X				
Project com	iplete?					
. REMOTE C	BSERVAT	IONS				
source of s site, vehicle distances a	uspect ACM s of import is accurated	A, waste sto ance, visible	suspected abate rage area(s), loce emissions, etc. e on the drawing ples.	ation(s) of del	bris, land use I indicate dime	surrounding ensions and
			E OBSERVATION	ON SKETCH		
See ar	Hached	. Site	Plan		4.5	
				÷		
					1.5	
	et					
	3.430		i.			
	ř.					
2		•				
Comments:_		*				
Comments:_						

	Yes	No
2. Is an ACWM transport vehicle present?	X	4
If "yes", is it being loaded?		X
If "yes", is it properly marked during loading?	(town, g	
C. PRE-INSPECTION PROCEDURES		
1. Entry:		
Agency identification shown?	(Yes)	
Authorization and reason for inspection explained?	yes 1	
Medical monitoring/fit-test certification shown?	NH	
Entry gained?	Yes	
Entry authorized by: Brian Teichune: VT Dept.	of Buildy	s and Genworks
Comments:		
2. Opening conference participants (name, title, company,	onsite resp	onsibility):
Brian Terhune, UT Dept of Buldless and	Gen Wo	rks
Zoltan Horvath, Zoltan Horvath, LLC,	longu	Itant .
Andrew Metayer, VT Dept of Buildings and	d Gen,	works
Mike Stevens VT Dept of Buildus	and I Ch	works
Chris Crothers, Crothers Emironmental G	owo, LL	C
 Name, address, contact name, telephone number, onsi number for any entity not noted above (or in the notification demolition/renovation project: 		
′, ,		

Appendi	х В							
Busines	ss card attach	ment site:						
				,				
				*				
4. De	escribe any ch tification:	anges/modifica	tions/discrep	pancies to the	information	n provided i	n the	
IOVO	in one	ing bei	Start	dutes.				
Mul	tiple mod	lifications f	rom orisi	nal Notif	40 ve	o Disse	insted in	1
in br	icf. C.C	a will fol	low up	MA TM	C+N	EM ana	provide	
info	to EPA	- including 1	Asb. Survey	sof S	6/7,	5 8/9	N 110	43
5. O	nsite represer	ntative	. /	• .		/ (,
		pany of onsite r	epresentativ	e who has ha	d required	NESHAP to	raining:	
b. is	evidence reg	arding such tra	ining:		Yes	No		
			posted?			-		
			available	for inspection	?	-		

Comments:

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	V	N1	
is the project subject to the MAP? (Complete	Yes ete MAP	No	
compliance chart if necessary.)			
If "yes",			X
initial certifications onsite?			1-
current certifications onsite?	-6	14	
Comments: NA	_		
O o i sua de la lacación de la companya de la compa			
Site activity (if more than one project is o	neuming at the facility	, complai	hhedh eistenee e a
for each or differentiate accordingly)	ocurring at the racinty	, complet	e a separate encont
3.1			
Planned renovation			
Emergency renovation*			
Demolition			
Ordered demolition**			7.
Nonscheduled operation			
APP II II II II			
"If the activity is an emergency rend	vation, does		
notification contain:		Van	At-
		Yes	No
date/hour emergency occurred?		1	
date/flots energeticy occurred:		1//	///
description of emergency?			11/0
		16	1 111
explanation re: unsafe condition	l/equipment damage/	/ /	1///
financial burden?	3	/ / /	
		/ / /	17.7
**If the activity is an ordered demo	lition, was order	1 11	
submitted with notification?		1,0	1
If yes, does order list:			1/1/1
0.7		11 >	
name, title, authority of government	ent representative?	1	
date demolition was ordered to	hagin?	1	1/6/
naie nemoinay was omena to	2 3 13 1 10mm		

	Yes No	?
8. Was the facility inspected?	X	
If "yes", is a copy of the building inspection at the site of "yes": Building inspector name:		spection. Requested
Company:		1
Accreditation/State license number(s):		
9. Describe the current phase of the project:		
Multiple Phases ongeing simulative removal, clearly verifladion, was		
D. SITE INSPECTION	Yes No	
D. SITE INSPECTION 1. Is the site a "facility"?		
	no RACM obser	ved owiside continuent or
1. Is the site a "facility"?	no RACM Obser waste storage a Inspectors all d not go	red outside continuent or you Total
1. Is the site a "facility"? 2. Quantification of suspect RACM observed: Insulation: Felt Air cell Premotded Asbestos	no RACM Obser waste storage a Inspectored all d not go	I Otal
1. Is the site a "facility"? 2. Quantification of suspect RACM observed: Insulation: Felt Air cell Premolded Asbestos Block insulation	no RACM Obser waste storage a Imperculate did not go time constraints	I Otal
1. Is the site a "facility"? 2. Quantification of suspect RACM observed: Insulation: Felt Air cell Premolded Asbestos Block insulation Surfacing Materials Plaster Spackling compound Stucco	no RACM Obser waste storage a Imperculate did not go time constraints	I Otal

	Category I Nonfriable ACM		Total	
	Floor coverings (VAT, asphalt/asbestos tile, linoleum) Packings	Mastic_		
	Category II Nonfriable ACM		• • •	
	Lab benchtops Transite siding Vinyl wallpaper Pegboard Sealants Adhesives Paints/cor Extrusion panels Clapboards/shingles Millboard Concrete/asbestos board or siding (transite) Concrete/as Textiles (fire blankets, lab aprons, theater/welding curtains,	tsbestos pipe		
	Other (specify):		\	
	Description/amount of ACM off facility components (colonger present):	mponents no		
Qu	antification summary:	**		
	Pipes See Northfluilong Other facility components See Northfluilong			
	Off facility components See Northcorlons			
3.	Method of measuring amounts of suspect ACM (e.g., visua measure or other device):	al estimation, p	acing, tape	
		Yes	No	
Δ	Are regulated amounts of suspect ACM being handled?	X		from Chris Crothers
	Is the material friable?	X	- Verbul	from Chris Crother
6.	Is the material likely to become friable during demolition	N	- Verb	al from their Crothe
	or renovation?		- webar	
	Comments: NEAN Plaster removal in N LAB			
7.	How was friability determined? hand Preasure in	waste co	intumer (gov/cr)	ockes.
•	EPA			

E.	DEMOLITION	Yes	No
1.	Facility ordered demolished? (removal not required)		X
	Is demolition in progress?		<u> </u>
	If "yes": Portion of facility containing RACM adequately wet during wrecking?		
	Visible emissions during wrecking?		
2.	Cat. I nonfriable not in poor condition & not friable? (removal not required)		X
3.	ACM encased in concrete? (removal not required) If "yes";		X
	Demolition in progress? If "ves":	-	A
	Adequately wetted whenever exposed during demolition?		
4.	ACM not discovered until after demolition began and cannot be safely removed? (removal not required) if "ves":		1
	Exposed RACM and contaminated debris maintained adequately wet at all times?		1
5.	Category II nonfriable ACM with low probability of becoming crumbled, pulverized or reduced to a powder during demolition? (removal not required)		X
6.	Facility being demolished by intentional burning? if "ves":		<u>×</u>
	Demolition in progress? all ACM (including Cat. I and II) removed before burning?		
7.	Is ACWM being generated during an ordered demolition or demolition where ACM is not required to be removed		X
	If "yes": ACWM kept adequately wet after demolition?		
	ACWM kept wet during handling/loading for transport to disposal site? (leak-tight containers or wrapping not required - may be transported and disposed of in bulk)		

			Yes	No	NA		
F		RENOVATION					
1		Unit/section removal? If "yes":	- I				
		Renovation in progress? If "yes":					
		Adequately wet whenever exposed?			1		
		Lowered to floor and ground level?	-				
		After removal from facility, RACM will be: stripped wrapped leak-tight					
		· ·					
		Stripping of RACM from removed units or sections in progress? If yes,	1				
		Adequately wet?		1			
		LEV & collection system in use?	-				
:	2.	Are large facility components being removed without the RACM being stripped? If "yes":		<u>X</u>			
		RACM being disturbed or damaged during removal, transport, storage, disposal, reuse?					
		component encased in leak-tight wrapping?	-			0.	
		labeled during loading, unloading, storage?	1	8			
	3.	Stripping in place? If "yes":	-			1	
		Stripping work in progress? If "yes":			_ luspec	tor did not constraints.	lue
		Adequately wet while being stripped?			. go int	constraints.	
		Kept wet until collected and contained or treated preparation for disposal?	in		40 "		
		Carefully lowered to floor or ground?		-			
	4.	Is ACM being removed or stripped >50 feet above ground and not being removed as units or sections? If "yes":	nd	X.	-		
		Transported to ground via leak-tight chutes or containers?	<u> </u>		-		

	Are glovebags in use? Yes No inspector Ald not see but
3.	Are glovebags in use? If "yes": Verbal cliniss Crotiess.
	Seamless on bottom?
	2 individuals conducting work?
	Proper size glovebags?
	Appropriately shaped glovebags?
	Reduced pressure technique in use?
6.	Is Category i nonfriable ACM being sanded, ground, cut, or abraded?
	If "yes": ACM adequately wet? Verbail LL. Y Cut With Power saws. Verbail LL.
	LEV and collection system in use?
7.	Any visible emissions to the outside air during renovation? Material in waste trailor not wet, holes in wrapply
	Comments:
	LEVALUATION OF WETTING
1	I. EVALUATION OF WETTING Is wetting required during activities observed? If "no", check off or describe reason below: RACM not being disturbed
	RACM not being disturbed wetting exemption
	freezing temperatures
	other
4	2. Has owner/operator been granted wetting exemption? If "yes":
	Copy of written approval at worksite? One of the following in use?
	LEV and collection system
	glove-bag system leak-tight wrapping
	equivalent approved method
	copy of written approval for equivalent method at site?

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		Who granted exemption?
		Yes No
	3.	Is the temperature at point of wetting below 32DF? If "yes":
		Facility components removed as units or sections?
		Area temperature recorded beginning, middle, end of each workday?
		Records available at site? (required)
		Records retained 2 years?
	4.	Is removed ACM awaiting containerization present? W did not Observe V Outside waste for
		Material adequately wetted? If "no", adequately wet the material and describe how it changes upon wetting (e.g., color, texture, weight, etc.):
	5	Is containerized RACM present?
	0.	Is containerized RACM present? If "yes": Adequately wetted? Open or ripped container?
AIC I	An	Open or ripped containers? If "yes": How many? Multiple walfs on ws.M Contents of containers adequately we!? If "no", adequately wet the material and describe how it changes upon wetting (e.g., color, texture, weight, etc.):
reiller	-	CAT II Plymond + mustic not adopted wet no condensation in
		Clear Plugge Wrappy, Minor trass/ bolos.
-	8	All had Labels
	9	Plaster and flooring in saylor boxes
		- Identified as Frable + RACM by Mike white + Chris Crothers - no condesation on Blastic in bass
		-dry Powder, dust and Sawdust in bags dust on surface of Plaster - plaster on boards visually not net - dry dust on surface of Plaster - EPA pored houses are should not net - dry
	R2.	
		- Plaster was crushed and reduced to Powder by insp hand processive.
10	1	Baged + labbled felt lake is handeled.
illeir	3	Barres, not opened but reavey and voet
	0	no lock on toulles o incretted than TMC Secure Trellar

ł.	WASTE DISPOSAL (61.150)	
1.	Check which of the following waste disposal options has been sel	ected:
	Discharge no visible emissions Adequately wet ACWM Process ACWM into nonfriable form Use Administrator-approved alternative emission control/waste treatment method* Yes	No
	*is approval available for review? (need not be onsite)	
2.	Will ACWM be transported off the facility site? If "yes": Generator label on containers? If "yes", does label contain:	
	name of waste generator?	- Crothers
3.	Is all ACWM (excluding Category I nonfriable in good condition) disposed of property as soon as practical?	Verbal Chris Crothers
4.	Is there a waste disposal operation in progress? If "yes": Visible emissions to the outside air?	<u> </u>
1.	WASTE SHIPMENT RECORDS (WSRs)	
1.	Has ACWM been shipped from the site? If "yes": Completed WSRs available for review onsite? If "yes", describe any deficiencies seen:	- Cor review

	Yes No ?
	Has it been >35 days since waste shipped from facility?
	Signed copy of the WSR received by generator from waste disposal facility? If "no":
	Has generator determined status of ACWM? If "no":
	Has it been 45 days since shipment? If "yes":
	Has generator notified EPA in writing that signed copy of WSR not received from disposal facility?
2.	Are copies of all WSRs (including the signed copy sent by the disposal facility) maintained for 2 years?
J.	CLOSING CONFERENCE
1.	Was a closing conference held? If "yes", list names of attendees:
	Mike Stevens Andrew Metayer.
	Chriss Crothers Michael White.
	Brian Terhane
	Zollan Horrath
2.	Summary of recommendations/discussion: Disselved waste moderly observed
	to be to not adapted ywet. Disensel past VT DDH impations
	of pry removale Dry waste indicates continual dry removal
	Must ensure that all waste is any addograthy not will packaged
	in least Highet containers. Crothers Instructed NCM that no
	waste Should leave the site will be has inspected it and ensured
	that it is adorquetly wet. Crothers may bring additional project monthers on site.
	Reviewed list of regrested documents (see inspection that Los)

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K. ADDITIONAL COMMENTS		
L ATTACHMENTS Sample Collection Log Field Notes Generator Label Notification ASHARA (MAP) Checklist WPR Checklist Others:	Photo Log Sheet Chain of Custody Form Waste Shipment Record Photographs AHERA Checklist	

Inspector signature

12/5/13

Date



Agency of Administration

Andrew Metayer

Clerk of the Works Buildings & General Services [phone] 802-793-8613





R. Chris Crothers

29 Duncan Road - Morrisville, VT 802-888-1936

chris@crothersenvironmental.com www.crothersenvironmental.com

Zoltan Horvath, LLC **Construction Consultant**

State of Vermont

[fax] 802-828-3533

Mike Stevens, Special Project Administrator

Owner Representative Management Services Clerk of the Works

Plan Review Permitting

[phone] 802-828-5377 [fax] 8(cell] 802-316-6702 [email] mike.stevens@state.vt.us State of Vermont Inspections Estimating

Expert Witness Billing Review Scheduling

Buildings & General Services

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Administration Agency of

VERMONT



[phone] 802-828-5645 [fax] 802-828-3533 Brian Terhune, Buildings Engineer

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Operations Manager

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